

# SYSTEMS ANALYST/PROGRAMMER

**Employer:** Indiana Geological Survey

**Location:** Bloomington, IN

## DESCRIPTION

The Indiana Geological Survey has an opening for a full-time professional programmer to provide technical expertise in the area of application development, Web design, and geographic information systems administration. The successful candidate will be part of a dynamic team, and support ongoing initiatives of the Web and database administrators by developing custom Web and stand-alone applications. This individual will also serve as the institute's internet map server administrator.

## DUTIES

Under general supervision provide technical expertise in the design and development of new services and custom applications to support the research activities of the Geological Survey. This includes writing custom applications that support enterprise databases, geographic information systems, Web-based applications, and Internet mapping services. Work with staff, business partners, and granting institutions to determine their programming needs and develop custom applications and design integrated solutions that adhere to accepted, proven development architectures and standards using the latest open source specifications. Work in a team environment with staff that has primary responsibilities for network administration, database systems, geographic information systems, and Web site management. Serve as the Institute's Internet Mapping Services Administrator.

## REQUIREMENTS

Bachelor's degree and a minimum of two years relevant work experience required, including experience with development of web-based applications in a Microsoft IIS environment. Experience with the following systems/tools is required: server and client-side scripting, Microsoft SQL Server or other relational databases, Visual Basic or C#, Java or Javascript, ColdFusion, XML, XSLT, and CSS. Experience with Flash, ArcSDE, ArcIMS, and ArcObjects is highly desirable. Demonstrated experience with development of database-driven Web content is expected. Examples of completed projects may be requested.

## ABOUT THE IGS

The Indiana Geological Survey is a research institute of Indiana University, whose mission is to provide geologic information and counsel that contributes to the wise stewardship of the energy, mineral, and water resources of our state. The IGS is a recognized leader in geologic research and the development of geographic information systems (GIS) in the state of Indiana. The successful candidate has the opportunity to showcase his/her work through state, regional, and national GIS projects.

## HOW TO APPLY

All applicants must apply online through the Indiana University Human Resource Services Web site:  
<http://www.jobs.indiana.edu/index.html>

The Indiana Geological Survey is an equal opportunity employer

**More information, including how to apply for this position:** <http://www.jobs.indiana.edu/index.html>